



CHAPTER 3

Navigating Cisco Prime Resource Manager Essentials Tasks in LMS 4.1

Cisco Prime Resource Manager Essentials (RME) provides lifecycle management of Cisco network devices. Designed to reduce human error and eliminate many of the manual tasks associated with maintaining a network, RME helps optimize manageability and availability for your network.

This chapter provides mapping of RME tasks in LMS 4.1.

It explains:

- [Inventory, Device and Group Tasks](#)
- [Configuration Tasks](#)
- [Archive Management Tasks](#)
- [Compliance Tasks](#)
- [Software Management Tasks](#)
- [Jobs, Reports and Tools Tasks](#)
- [Administration Tasks](#)

Inventory, Device and Group Tasks

This section provides information on the following RME tasks in LMS 4.1:

- [Inventory Tasks](#)
- [Device Management Tasks](#)
- [Group Administration Tasks](#)

Table 3-1 Inventory, Device and Group Tasks

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Inventory Tasks			
Viewing Inventory Collection Status	Cisco Prime LMS Portal > RME > Devices > Inventory > View Inventory Collection Status	Collector Summary portlet	View the status of Inventory collection.
Viewing Inventory Jobs	Cisco Prime LMS Portal > RME > Devices > Inventory > Inventory Jobs	Inventory > Job Browsers: Inventory Collection Or Admin > Collection Setting: Inventory > Inventory Jobs	The Inventory Job Browser displays all user-defined jobs. It also displays the system-defined inventory collection and polling jobs. You can create and manage inventory jobs using the Job Browser. You can edit, stop, cancel or delete jobs using this Job Browser.
Device Management Tasks			
Viewing RME Devices	Cisco Prime LMS Portal > RME > Devices > Device Management > RME Devices	Inventory > Device Administration: Manage Device State	View the list of all devices in LMS.
Viewing Suspended Devices	Cisco Prime LMS Portal > RME > Devices > Device Management > Suspended Devices	Inventory > Device Administration: Manage Device State	Suspended devices cannot participate in any application flows but all historical data pertaining to the device will continue to be maintained by LMS.
Working with Alias Devices	Cisco Prime LMS Portal > RME > Devices > Device Management > Alias Devices	Inventory > Device Administration: Manage Device State	When a new device is added to LMS, this device may already exist in LMS, but with another hostname or IP address. This device will be in the Alias state.
Viewing Device Credential Verification Jobs	Cisco Prime LMS Portal > RME > Devices > Device Management > Device Credential Verification Jobs	Inventory > Job Browsers: Device Credential Verification	You can view the detailed list of all scheduled CDA jobs from the Device Credential Verification Jobs browser.

Table 3-1 Inventory, Device and Group Tasks (continued)

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Group Administration Tasks			
Administering Device Groups	Cisco Prime LMS Portal > RME > Devices > Group Administration > Device Group Administration	Inventory > Group Management: Device Or Admin > System: Group Management > Devices	Allows you to create, manage and administer Device Groups.
Administering Port and Module Groups	Cisco Prime LMS Portal > RME > Devices > Group Administration > Port and Module Group Administration	Inventory > Group Management: Port and Module Or Admin > System: Group Management > Port and Module Groups	Allows you to create, manage and administer groups based on ports and modules for a selected set of devices or device groups.

Configuration Tasks

This section provides information on the following RME tasks in LMS 4.1:

- [Config Editor Tasks](#)
- [Netconfig Tasks](#)

Table 3-2 Config Editor and Netconfig Tasks

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Config Editor Tasks			
Viewing Configuration Files	Cisco Prime LMS Portal > RME > Config Mgmt > Config Editor > Config Files	Configuration > Tools: Config Editor > Config Editor	You can use this feature to open a configuration file for editing. You can open a configuration file by: <ul style="list-style-type: none"> • Device and Version—Opens a configuration file from the archive. • Pattern Search—Opens a configuration file by searching for a pattern. • Baseline—Opens a configuration file using a baseline template stored in the device configuration management repository. • External Location—Opens a configuration file stored in an external location

Table 3-2 Config Editor and Netconfig Tasks (continued)

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Viewing the list of modified private configs	Cisco Prime LMS Portal > RME > Config Mgmt > Config Editor > Private Configs	Configuration > Tools: Config Editor > Private Configs	You can use this feature to display a list of configuration files modified by all users in a private work area. You can: <ul style="list-style-type: none"> • Select a file and click Edit to edit an opened configuration file. • Select a file and click Deploy to deploy a job. • Select a file and click Delete to remove an opened configuration file.
Viewing the list of modified public configs	Cisco Prime LMS Portal > RME > Config Mgmt > Config Editor > Public Configs	Configuration > Tools: Config Editor > Public Configs	You can use this feature to display a list of configuration files modified by all users in a public work area. You can: <ul style="list-style-type: none"> • Select a file and click Edit to edit an opened configuration file. • Select a file and click Deploy to deploy a job. • Select a file and click Delete to remove an opened configuration file.
Viewing the Status of all Deployed Jobs	Cisco Prime LMS Portal > RME > Config Mgmt > Config Editor > Config Editor Jobs	Configuration > Job Browsers: Config Editor	You can use this feature to view the status of all pending, running, and completed jobs. You can create a new job or edit, copy, stop, and delete a job that you have opened.
Netconfig Tasks			
Browsing and Editing Jobs Using the NetConfig Job Browser	Cisco Prime LMS Portal > RME > Config Mgmt > Netconfig > Netconfig Jobs	Configuration > Job Browsers: NetConfig Or Configuration > Tools: NetConfig > Deploy	You can browse the NetConfig jobs that are registered on the system. Using the NetConfig Job Browser you can edit, copy, retry, stop, or delete jobs.

Table 3-2 Config Editor and Netconfig Tasks (continued)

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Creating and Editing User-defined Tasks	Cisco Prime LMS Portal > RME > Config Mgmt > Netconfig > User-defined Tasks	Configuration > Tools: NetConfig > User Defined Tasks	<p>You can create a new user-defined task and add one or more templates to it. You can also add templates to an existing task.</p> <p>You name a task when you create it, and it is saved for future use. You can copy, edit, and reuse your tasks.</p>
Assigning Tasks to Users	Cisco Prime LMS Portal > RME > Config Mgmt > Netconfig > Assigning Tasks	Configuration > Tools:NetConfig > Assigning Tasks	<p>You can assign access privileges for NetConfig tasks, to users with Network Operator privileges or lesser.</p> <p>All other users with privileges higher than Network Operator are assigned all tasks by default.</p>

Archive Management Tasks

This section provides information on the RME archive management tasks in LMS 4.1.

Table 3-3 Archive Management Tasks

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Archive Management Tasks			
Checking Configuration Archival Status	Cisco Prime LMS Portal > RME > Config Mgmt > Archive Mgmt	Configuration > Configuration Archive:Summary	<p>After you add devices into LMS, their configurations are gathered and stored in the configuration archive.</p> <p>You can check the overall status of the configuration archive (Successful, Partially Successful, and Failed). It provides the status of the last archival attempt.</p>
Scheduling Sync Archive Job	Cisco Prime LMS Portal > RME > Config Mgmt > Archive Mgmt > Sync Archive	Configuration > Configuration Archive:Synchronization	<p>You can schedule a job to update the configuration archive for selected group of devices.</p> <p>You have an option to poll device configuration before updating the archive and to fetch Startup configuration.</p>

Table 3-3 Archive Management Tasks (continued)

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Using the Config Fetch Protocol Usage Report	Cisco Prime LMS Portal > RME > Config Mgmt > Archive Mgmt > Config Fetch Protocol Usage	Configuration > Configuration Archive: Protocol Usage Summary	You can view the configuration protocol usage details for successful configuration fetches using the Config Fetch Protocol Usage Report.
Generating an Out-of-Sync Report	Cisco Prime LMS Portal > RME > Config Mgmt > Archive Mgmt > Out-of-Sync Summary	Configuration > Compliance:Out-of-Sync Summary	You can generate an Out-of-Sync report for the group of devices for which running configurations are not synchronized with the startup configuration.
Viewing the Configuration Version Tree	Cisco Prime LMS Portal > RME > Config Mgmt > Archive Mgmt > Version Tree	Configuration > Configuration Archive:Views > Version Tree	You can view all configuration versions of the selected devices in the form of a graphical display. You can also perform a configuration quick deploy for a selected device.
Viewing the Configuration Version Summary	Cisco Prime LMS Portal > RME > Config Mgmt > Archive Mgmt > Version Summary	Configuration > Configuration Archive:Views > Version Summary	You can view all archived configurations for selected devices. A link is provided to view a particular configuration running on the device and to generate differences between versions in the archive. You can view the last three configuration versions for each device regardless of number of versions stored in archive.
Searching Archives	Cisco Prime LMS Portal > RME > Config Mgmt > Archive Mgmt > Search Archive	Configuration > Configuration Archive:Views > Search Archive	You can search the archive for configuration containing text patterns for selected devices. You can specify ten different combinations of patterns/strings as part of search criteria.
Searching Archives using Custom Queries	Cisco Prime LMS Portal > RME > Config Mgmt > Archive Mgmt > Search Archive > Custom Queries	Configuration > Configuration Archive:Views > Custom Queries	You can create a custom configuration query that searches information about the specified configuration files.

Table 3-3 Archive Management Tasks (continued)

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Comparing Configurations	Cisco Prime LMS Portal > RME > Config Mgmt > Archive Mgmt > Compare Configs	Configuration > Configuration Archive: Compare Configs	<p>You can compare two device configuration files from version to version or from device to device. You can also compare the configuration when a device was started with the current configuration, and the current configuration with the most recently archived configuration.</p> <p>You can compare the configurations in these ways:</p> <ul style="list-style-type: none"> • Startup vs. Running—Compares the configuration when the device was started with the current configuration. These configurations are fetched from the device. • Running vs. Latest Archived—Compares the running configuration with the most recent archived configuration. The Running configuration is fetched from the device. • Two Versions of the Same Device—Compares two archived configuration versions. • Two Versions of Different Devices—Compares any two configurations in the configuration archive. • Base Config vs. Latest Version of Different Devices—Compares the base configuration of a device with the latest configuration of other devices. These configurations are fetched from the device.

Table 3-3 Archive Management Tasks (continued)

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Viewing and managing Archive Management Jobs	Cisco Prime LMS Portal > RME > Config Mgmt > Archive Mgmt > Archive Mgmt Jobs	Configuration > Job Browsers: Configuration Archive	<p>You can browse the Archive Management jobs that are registered on the system.</p> <p>You can also retry, delete, stop jobs and view job details.</p>
Configuring Labels	Cisco Prime LMS Portal > RME > Config Mgmt > Archive Mgmt > Label Configs	Configuration > Configuration Archive: Label Configs	<p>A label is a name given to a group of customized selection of configuration files.</p> <p>You can select configuration files from different devices, group and label them.</p>
Managing Baseline Templates	Cisco Prime LMS Portal > RME > Config Mgmt > Archive Mgmt > Baseline Templates	Configuration > Compliance: Compliance Templates > Templates	<p>Baselining refers to identifying a set of standardized policy based commands that you would want to have on a set of devices.</p> <p>You can create a Baseline template which is a set of commands identified through the baselining process.</p> <p>You can compare the Baseline template with the configuration of devices in the archive. You can also generate a non-compliance configuration report and deploy this template on the devices to make them compliant.</p> <p>You can deploy a Baseline template to a group of devices by scheduling a job.</p>

Compliance Tasks

This section provides information on the RME compliance management tasks in LMS 4.1.

Table 3-4 Compliance Management Tasks

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Compliance Management Tasks			
Managing Baseline Templates	Cisco Prime LMS Portal > RME > Config Mgmt > Compliance Mgmt > Template Mgmt	Configuration > Compliance: Compliance Templates > Templates	<p>Baselining refers to identifying a set of standardized policy based commands that you would want to have on a set of devices.</p> <p>You can create a Baseline template that is a set of commands identified through the baselining process.</p> <p>You can compare the Baseline template with the configuration of devices in the archive. You can also generate a non-compliance configuration report and deploy this template onto the devices to make them compliant.</p> <p>You can deploy a Baseline template to a group of devices by scheduling a job.</p>
Running Compliance Check	Cisco Prime LMS Portal > RME > Config Mgmt > Compliance Mgmt > Compliance Check	Configuration > Compliance: Compliance Templates > Compliance Check	Check the configuration compliance for a set of devices by selecting the template and scheduling a job.
Deploying a Baseline Template	Cisco Prime LMS Portal > RME > Config Mgmt > Compliance Mgmt > Direct Deploy	Configuration > Compliance: Compliance Templates > Direct Deploy	<p>When you add a new device of the same type to the network, you can use the existing Baseline template. This template consists of two parts, command and values.</p> <p>You can create configurations for any device of the same type in the network by specifying the values for the variables in the Baseline template.</p>
Using compliance and deploy jobs	Cisco Prime LMS Portal > RME > Config Mgmt > Compliance Mgmt > Compliance/Deploy Jobs	Configuration > Compliance: Compliance Templates > Jobs or Configuration > Job Browsers: Compliance	You can check the status of the Baseline jobs and verify how many devices are compliant out of the total number of devices that were selected while creating the compliance job.

Software Management Tasks

This section provides information on the RME software management tasks in LMS 4.1.

Table 3-5 Software Management Tasks

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Managing Software Repository	Cisco Prime LMS Portal > RME > Software Mgmt > Software Repository	Configuration > Tools:Software Image Management > Software Repository	<p>The Software Repository Management window displays the images that are available in the Software Management repository.</p> <p>You can view the image family, image type, version, size of the image. You can delete, export or update the image status.</p>
Synchronizing Software Repository	Cisco Prime LMS Portal > RME > Software Mgmt > Software Repository > Software Repository Synchronization	Configuration > Tools:Software Image Management > Repository Synchronization	<p>Determine the images that are missing from your network, import the images into the software library, update the library, and periodically synchronize the library with the images running on your network devices.</p> <p>You can also schedule an image import for a later, more convenient time.</p>
Distributing Software Images	Cisco Prime LMS Portal > RME > Software Mgmt > Software Distribution	Configuration > Tools:Software Image Management > Software Distribution	<p>Distribute images in your network, analyze and determine the impact, and prerequisites for new software images before distribution.</p> <p>You can distribute software images using the following methods:</p> <ul style="list-style-type: none"> • By devices [Basic] • By devices [Advanced] • By image • Using remote staging
Analyzing software image upgrade	Cisco Prime LMS Portal > RME > Software Mgmt > Software Distribution > Upgrade Analysis	Configuration > Tools:Software Image Management > Upgrade Analysis	<p>Before planning a software image upgrade, you must determine the prerequisites for the new software images.</p> <p>You can analyze these by using:</p> <ul style="list-style-type: none"> • Cisco.com • Repository

Table 3-5 Software Management Tasks (continued)

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Distributing Patches	Cisco Prime LMS Portal > RME > Software Mgmt > Software Distribution > Patch Distribution	Configuration > Tools:Software Image Management > Patch Distribution	<p>You can distribute patches simultaneously to applicable devices. Patch distribution does not require reboot of the entire OS on a device.</p> <p>You can distribute patch images to the devices in your network, using any of these methods:</p> <ul style="list-style-type: none"> • Distribute by Devices—This method enables you to select devices and perform patch upgrades on those devices. • Distribute by Patch—This method enables you to select a patch image from the Software Repository and use it to perform a patch upgrade on suitable devices in your network. This is useful when you have to distribute the same patch image to multiple devices.
Using Software Management Job Browser	Cisco Prime LMS Portal > RME > Software Mgmt > Software Mgmt Jobs	Configuration > Job Browsers: Software Image Management Or Configuration > Tools: Software Image Management > Jobs	View and edit all your scheduled Software Management jobs.

Jobs, Reports and Tools Tasks

This section provides information on the following RME tasks in LMS 4.1:

- [Jobs Tasks](#)
- [Reports Tasks](#)
- [Tools Tasks](#)

Table 3-6 *Jobs, Reports and Tools Tasks*

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Jobs Tasks			
Viewing RME Jobs	Cisco Prime LMS Portal > RME > Job Mgmt > RME Jobs	Admin > Network: Jobs > Browser	View the status of all Jobs (NetConfig jobs, Inventory collection or polling jobs, purge jobs, etc.). The job details that you can view here include the job ID, the job type, the job status, the job description, the job owner, the time at which the job is scheduled to run, the time of job completion, and the schedule type.
Approving and Rejecting Jobs	Cisco Prime LMS Portal > RME > Job Mgmt > Job Approval	Configuration > Job Browsers: Job Approval	View the status of jobs that are pending approval. The job details that you can view here include the job ID, the job owner, the application, the time at which the job is scheduled to run, the approver list, and the job description. You can also use the Job Approval page to approve or reject jobs.
Reports Tasks			
Generating Reports	Cisco Prime LMS Portal > RME > Reports > Report Generator	Reports	Generate various reports for the following applications: <ul style="list-style-type: none"> • Audit Trail • Bug Summary Report • Change Audit • Contract Connection • Device Credential • Inventory • Syslog

Table 3-6 Jobs, Reports and Tools Tasks (continued)

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Using the Reports Job Browser	Cisco Prime LMS Portal > RME > Reports > Report jobs	Admin > Network: Jobs > Browser	You can manage report jobs using the Reports job browser. You can also view the output of completed jobs, stop running jobs or delete jobs if required.
Defining Custom Report Templates	Cisco Prime LMS Portal > RME > Reports > Custom Report Templates	Reports > Report Designer: Syslog and Inventory	You can create a custom template, and edit or delete existing custom templates for Syslog and Inventory applications.
Viewing Archived Reports	Cisco Prime LMS Portal > RME > Reports > Report Archives	Reports > Report Archives	The report output that is created from a scheduled report is stored in the reports archive. The archive displays the list for completed report jobs and you can view or delete them. The archive holds the report output even if the report job does not exist.
Tools Tasks			
Defining Change Audit Automated Actions	Cisco Prime LMS Portal > RME > Tools > Change Audit > Automated Actions	Admin > Network: Notification and Action Settings > Change Audit Automated Actions	You can define automated actions on creation of change audit record. This automated action gets triggered on creation of the change audit record. You can define any number of automated actions. The supported automated actions are: <ul style="list-style-type: none"> • E-mail • Traps • Automated scripts
Defining Change Audit Exception Periods	Cisco Prime LMS Portal > RME > Tools > Change Audit > Exception Periods	Admin > Network: Change Audit Settings > Exception Periods	An Exception period is the time period you specify when no network changes should occur. This period does not prevent you from making any changes in your network. The set of Exception periods is known as an Exception profile.
Viewing Syslog Collector Status	Cisco Prime LMS Portal > RME > Tools > Syslog > Syslog Collector Status	Admin > Collection Settings: Syslog > Syslog Collector Status	View the status of Common Syslog Collectors. You can subscribe and unsubscribe a Common Syslog Collector.

Table 3-6 Jobs, Reports and Tools Tasks (continued)

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Defining Syslog Automated Actions	Cisco Prime LMS Portal > RME > Tools > Syslog > Automated Actions	Admin > Network: Notification and Action Settings > Syslog Automated Actions	You can create automated actions to be executed automatically whenever a Syslog Analyzer receives a specific message type.
Defining Message Filters	Cisco Prime LMS Portal > RME > Tools > Syslog > Message Filters	Admin > Network: Notification and Action Settings > Syslog Message Filters	You can exclude messages from Syslog Analyzer by creating filters.
Netshow Job Browser	Cisco Prime LMS Portal > RME > Tools > Netshow > Netshow Jobs	Monitor > Troubleshooting Tools: NetShow > NetShow Jobs	The NetShow Job Browser enables you to view the details of all NetShow Jobs.
Archiving Netshow Job Output	Cisco Prime LMS Portal > RME > Tools > Netshow > Output Archive	Monitor > Troubleshooting Tools: NetShow > Output Archive	The Output Archive feature in NetShow helps you archive and access the stored output that is created from a NetShow job. The show command output is archived only if the jobs are executed completely.
Command Sets	Cisco Prime LMS Portal > RME > Tools > Netshow > Command Sets	Monitor > Troubleshooting Tools: NetShow > Command Sets	The Command Set represents a logical grouping of commands. Each command set is associated with a unique name. NetShow provides a few pre-defined command sets that can be run against selected devices.
Assigning Command Sets	Cisco Prime LMS Portal > RME > Tools > Netshow > Assigning Command Sets	Monitor > Troubleshooting Tools: NetShow > Assigning Command Sets	The Assigning Command Sets feature in NetShow allows you to specify which user or set of users can run NetShow commands. You can use the Assigning Command Sets feature in Netshow for: <ul style="list-style-type: none"> • Showing Assigned Command Sets • Assigning Command Sets to Users • Assigning Custom Command Execution Privilege

Table 3-6 *Jobs, Reports and Tools Tasks (continued)*

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Working with SmartCase	Cisco Prime LMS Portal > RME > Tools > SmartCase	Inventory > Tools: SmartCase	SmartCase lets you access Cisco.com from LMS to open a Cisco.com case or to query and update an existing case. You can submit, review, and update problems or questions about your Cisco products.
Virtual Switching System Mode Conversion	Cisco Prime LMS Portal > RME > Tools > Virtual Switching System Configuration > VSS Conversion	Configuration > Workflows: Virtual Switching System > VSS Conversion	Virtual Switching System (VSS) refers to the conceptual switch that is created by converting two VSS-capable standalone switches into one switch. This process of converting to Virtual Switching Systems can also be done for core layer switches.
Converting Switches from Virtual to Standalone Mode	Cisco Prime LMS Portal > RME > Tools > Virtual Switching System Configuration > VSS Reverse Conversion	Configuration > Workflows: Virtual Switching System > VSS Reverse Conversion	Virtual Switching System (VSS) refers to the conceptual switch that is created by converting two VSS-capable standalone switches into one switch. You can also convert Virtual Switching Systems back to Standalone switches.

Administration Tasks

This section provides information on the following RME tasks in LMS 4.1:

- [Approval Tasks](#)
- [Change Audit Tasks](#)
- [Config Mgmt Tasks](#)
- [Device Management Tasks](#)
- [Inventory Tasks](#)
- [Reports Tasks](#)
- [Software Mgmt Tasks](#)
- [Syslog Tasks](#)
- [System Preferences Task](#)

Table 3-7 Administration Tasks

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Approval Tasks			
Viewing Approver Details	Cisco Prime LMS Portal > RME > Admin > Approval > Approver Details	Admin > Network: Configuration Job Settings > Approver Details	Enter and maintain information about users with Cisco Prime Approver roles.
Creating or Editing Approver Lists	Cisco Prime LMS Portal > RME > Admin > Approval > Create/Edit Approver Lists	Admin > Network: Configuration Job Settings > Create/Edit Approver Lists	Create or edit approver lists.
Assigning Approver Lists	Cisco Prime LMS Portal > RME > Admin > Approval > Assign Approver Lists	Admin > Network: Configuration Job Settings > Assign Approver Lists	Assign approver lists to NetConfig, Config Editor, Archive Management, NetShow, and Software Management.
Enabling Approval Policies	Cisco Prime LMS Portal > RME > Admin > Approval > Approval Policies	Admin > Network: Configuration Job Settings > Approval Policies	Enable Job Approval for NetConfig, Config Editor, Archive Management, NetShow, and Software Management jobs.
Change Audit Tasks			
Setting the Purge Policy	Cisco Prime LMS Portal > RME > Admin > Change Audit > Set Purge Policy	Admin > Network: Purge Settings > Change Audit Purge Policy	You can specify a default policy for periodic purging of Change Audit data.
Performing a Forced Purge	Cisco Prime CISCO PRIME LMS Portal > RME > Admin > Change Audit > Force Purge	Admin > Network: Purge Settings > Change Audit Force Purge	You can perform a Forced Purge of Audit Trail, as required.
Configuring Change audit filters	Cisco Prime LMS Portal > RME > Admin > Change Audit > Config Change Filter	Admin > Network: Change Audit Settings > Config Change Filter	You can use this option to enable or disable VLAN Change audit filtering. When there is a change in the device configuration, a change record is created. By default, the VLAN change audit record is created for those devices that have a VLAN configuration.
Config Mgmt Tasks			
Configuring Transport Protocols	Cisco Prime LMS Portal > RME > Admin > Config Mgmt > Transport Settings	Admin > Collection Settings: Config > Config Transport Settings	You can set the protocol order for Configuration Management applications such as Archive Management, Config Editor, and NetConfig jobs to download configurations and to fetch configurations. For NetShow, you can set the protocol order to download configurations.

Table 3-7 Administration Tasks (continued)

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Moving the Configuration Archive Directory	Cisco Prime LMS Portal > RME > Admin > Config Mgmt > Archive Mgmt > Archive Settings	Admin > Collection Settings: Config > Config Archive Settings	You can move the directory where the configuration of the devices can be archived on the LMS server. The new location specified by you should have the permission for casuser in Solaris and casuser should have Full Control in Windows.
Defining the Configuration Collection Settings	Cisco Prime LMS Portal > RME > Admin > Config Mgmt > Archive Mgmt > Collection Settings	Admin > Collection Settings: Config > Config Collection Settings	The configuration archive can be updated with configuration changes in two ways: <ul style="list-style-type: none"> • Periodic configuration archival • Manual configuration archival
Configuring Exclude Commands	Cisco Prime LMS Portal > RME > Admin > Config Mgmt > Archive Mgmt > Exclude Commands	Admin > Collection Settings: Config > Config Compare Exclude Commands Configuration	You can list the commands that have to be excluded while comparing configurations. You can enter multiple commands separated by commas.
Configuring Fetch Settings	Cisco Prime LMS Portal > RME > Admin > Config Mgmt > Archive Mgmt > Fetch Settings	Admin > Collection Settings: Config > Config Job Timeout Settings	You can configure the Job Result Wait Time per device for the Sync Archive Jobs.
Setting up Config Editor Preferences	Cisco Prime LMS Portal > RME > Admin > Config Mgmt > Config Editor	Configuration > Tools: Config Editor > Edit Mode Preference	You can use this feature to set up your editing preferences (Raw or Processed). Config Editor remembers your preferred mode, even across different invocations of the application.
Configuring Default Job Policies	Cisco Prime LMS Portal > RME > Admin > Config Mgmt > Config Job Policies	Admin > Network: Configuration Job Settings > Config Job Policies	Each Configuration Management job has properties that define how the job will run. You can configure a default policy for these properties that applies to all future jobs. You can also specify for each property whether users can change the default when creating a job.

Table 3-7 Administration Tasks (continued)

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Device Management Tasks			
Device Management Settings	Cisco Prime LMS Portal > RME > Admin > Device Mgmt > Device Management Settings	Inventory > Device Administration: Device Allocation Policy	Before adding devices to LMS you can change these Device Management Settings to enable or disable automatic allocation of devices to LMS from Device Credentials Repository (DCR).
Verifying the Device Credentials while Adding Devices to LMS	Cisco Prime LMS Portal > RME > Admin > Device Mgmt > Device Credential Verification Settings	Admin > Network: Device Credential Settings > Verification Settings	You can check your device credentials while adding devices to LMS and view the results by scheduling and running a CDA job. Use this option to make sure that your Device and Credential Repository credentials, match your actual device credentials.
Inventory Tasks			
Setting Change Report Filters	Cisco Prime LMS Portal > RME > Admin > Inventory > Inventory Change Filters	Admin > Network: Change Audit Settings > Inventory Change Filter	You can select the attributes that you do not wish to log using Change Audit. The history of inventory changes are logged by and viewed through Change Audit.
Changing the Schedule for System Inventory Collection or Polling	Cisco Prime LMS Portal > RME > Admin > Inventory > System Job Schedule	Admin > Collection Settings: Inventory > Inventory System Job Schedule	At the time of installation, system jobs are created for both Inventory collection and polling, with their own default schedules. A periodic inventory collection job collects inventory data from all managed devices and updates your inventory database. Similarly, the periodic polling polls devices and updates the inventory database. You can change the schedule of these default, periodic system jobs.
Reports Tasks			
Changing the Data Source for PSIRT/EOS/EOL Reports	Cisco Prime LMS Portal > RME > Admin > Reports > PSIRT/EOX Reports	Admin > Network: PSIRT, EOS and EOL Settings > PSIRT/EOX Reports Option	You can use the PSIRT/EOX Reports option to change the data source for generating a PSIRT or End of Sale or End of Life report.

Table 3-7 Administration Tasks (continued)

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
Software Mgmt Tasks			
Viewing/Editing Preferences	Cisco Prime LMS Portal > RME > Admin > Software Mgmt > View/Edit Preferences	Admin > Network: Software Image Management > View/Edit Preferences	Edit preferences helps you to set or change your Software Management preferences. The options you specify here are applicable to Software Management tasks such as image distribution, and image import.
Syslog Tasks			
Setting the backup policy	Cisco Prime LMS Portal > RME > Admin > Syslog > Set Backup Policy	Admin > Network: Purge Settings > Syslog Backup Settings	The Backup Configuration feature allows you to save the Syslog messages to a flat file. The syslog data that is trimmed from the database will be moved to the flat file.
Setting the purge policy	Cisco Prime LMS Portal > RME > Admin > Syslog > Set Purge Policy	Admin > Network: Purge Settings > Syslog Purge Settings	You can specify a default policy for periodic purging of Syslog messages.
Performing a forced purge	Cisco Prime LMS Portal > RME > Admin > Syslog > Force Purge	Admin > Network: Purge Settings > Syslog Force Purge	You can perform a forced purge of Syslog messages.
System Preferences Task			
Application Log Level Settings	Cisco Prime LMS Portal > RME > Admin > System Preferences > Application Log Level	Admin > System: Debug Settings > Config and Image Management Debugging	You can use this option to set the logging levels for LMS packages. You can set the log levels for all LMS packages, or at a package (application) level.
Job Purge	Cisco Prime LMS Portal > RME > Admin > System Preferences > Job Purge	Admin > Network: Purge Settings > Config Job Purge Settings	The Job Purge option provides a centralized location for you to schedule Purge operations for all jobs.
RME Device Attributes	Cisco Prime LMS Portal > RME > Admin > System Preferences > RME Device Attributes	Admin > Collection Settings: Inventory > Inventory, Config Timeout and Retry Settings	This option enables you to set the default values for device attributes. These values are applicable to all devices in LMS. The device attributes are: <ul style="list-style-type: none"> • SNMP Retry • SNMP Timeout • Telnet Timeout • Natted IP Address • TFTP Timeout

Table 3-7 Administration Tasks (continued)

LMS 3.2 Task Name	LMS 3.2 Navigation	LMS 4.1 Navigation	Description
RME Secondary Credentials	Cisco Prime LMS Portal > RME > Admin > System Preferences > RME Secondary Credentials	Admin > Collection Settings: Config > Secondary Credential Settings	<p>The LMS server polls and receives two types of credentials from each device and populates the Device Credential Repository (DCR). These credentials are:</p> <ul style="list-style-type: none"> • Primary Credentials • Secondary Credentials <p>LMS uses either the primary or secondary credentials to access the devices using the following protocols:</p> <ul style="list-style-type: none"> • Telnet • SSH
Collection Notification Failure	Cisco Prime LMS Portal > RME > Admin > System Preferences > Collection Notification Failure	Admin > Network: Notification and Action Settings > Inventory and Config Collection Failure	<p>You can use the Collection Failure Notification option to configure the destination Server and Port to receive trap notification on Inventory Collection or Config Fetch failure.</p> <p>This failure trap is sent per device from the LMS server whenever the collection does not happen.</p> <p>Other network management stations can use this trap to know about Inventory or Config collection failure status.</p>